

Message Text

CONFIDENTIAL

PAGE 01 BOMBAY 00558 090312Z
ACTION ERDA-07

INFO OCT-01 NEA-10 ISO-00 OES-06 AID-05 IO-13 ACDA-07

NRC-05 L-03 CIAE-00 INR-07 NSAE-00 /064 W

-----090528Z 080146 /17

R 080848Z MAR 77

FM AMCONSUL BOMBAY

TO SECSTATE WASHDC 7131

INFO AMEMBASSY NEW DELHI

CONFIDENTIAL BOMBAY 0558

E.O. 11652 GDS

TAGS: TECH, IN

SUBJ: TARAPUR

REF: BOMBAY 547

1. IN BRIEF TELEPHONE CONVERSATION MARCH 7 ABOUT CONTEXTS OF HIS LETTER (TRANSMITTED TO DEPT WITH REFTEL) IAEC CHAIRMAN SETHNA MADE FOLLOWING CLARIFICATIONS WITH RESPECT TO CONSTRUCTION PERIOD AND COST OF ADDITIONAL WASTE STORAGE FACILITIES: (A) COST ESTIMATE OF RS. 55 MILLION (\$6.25 MILLION) AND CONSTRUCTION PERIOD OF 52 MONTHS REFER ONLY TO FACILITY TO HOLD 20 YEARS WASTE DISCHARGE, OR ONE-HALF OF THE TOTAL FACILITIES REQUIRED TO COVER THE ENTIRE ESTIMATED EXTENDED LIFE OF THE TARAPUR REACTORS; (B) ANY SMALLER FACILITY WOULD NOT SIGNIFICANTLY REDUCE EITHER THE CONSTRUCTION PERIOD OR COST ESTIMATE BECAUSE SUCH FACILITIES AS VENTILATION, CONTROL SYSTEM AND CLEAN-UP SYSTEM REQUIRE ABOUT THE SAME CONSTRUCTION PERIOD REGARDLESS OF SIZE AND THERE IS NO SHARP SAVING WHEN THEIR SIZE IS REDUCED.

2. IN RESPONSE TO CONGEN QUESTION AS TO WHETHER SETHNA SAY ANY OTHER QUICKER ALTERNATIVE SOLUTIONS TO WASTE STORAGE PROBLEM, SETHNA SAID HE IS STILL STUDYING POSSIBILITY OF RE-RACKING, USING HIGH-DENSITY, NEUTRON-ABSORBING

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RACKS. A MAJOR PROBLEM, STILL UNRESOLVED, IS WHETHER POOLS AT TARAPUS WHICH OF COURSE ARE ELEVATED WILL BEAR A SIGNIFICANTLY LARGER LOAD. HE SAID THAT DETERMINING THEIR LOAD-BEARING CAPABILITY HAS PROVED MORE COMPLICATED THAN ORIGINALLY THOUGHT, LARGELY BECAUSE HE DOES NOT HAVE READILY ON HAND BASIC DATA REQUIRED FOR THIS EVALUATION. AS TARAPUR WAS A TURN-KEY PROJECT NOT LOCALLY DESIGNED, HE

HAS HAD TO RUN A NUMBER OF COMPUTER STUDIES WHICH
ARE STILL NOT COMPLETE. HE HOPES TO HAVE RESULTS WITHIN
NEXT TWO WEEKS AT WHICH TIME HE WILL HAVE A CLEAR IDEA
AS TO WHETHER THE HIGH DENSITY RACKS WHICH OF COURSE
WILL REQUIRE IMPORTED MATERIALS COULD PROVIDE A SHORT-
TERM SOLUTION WHILE ADDITIONAL LARGER STORAGE FACILITIES
ARE BEING CONSTRUCTED.

COURTNEY

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Message Attributes

Automatic Decaptioning: X
Capture Date: 01-Jan-1994 12:00:00 am
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: CONSTRUCTION, NUCLEAR POWER PLANTS, RADIOACTIVE WASTES DISPOSAL
Control Number: n/a
Copy: SINGLE
Sent Date: 08-Mar-1977 12:00:00 am
Decaption Date: 01-Jan-1960 12:00:00 am
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 22 May 2009
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1977BOMBAY00558
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: GS
Errors: N/A
Expiration:
Film Number: D770080-0506
Format: TEL
From: BOMBAY
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1977/newtext/t19770384/aaaacvqw.tel
Line Count: 70
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: 463a81bc-c288-dd11-92da-001cc4696bcc
Office: ACTION ERDA
Original Classification: CONFIDENTIAL
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 2
Previous Channel Indicators: n/a
Previous Classification: CONFIDENTIAL
Previous Handling Restrictions: n/a
Reference: 77 BOMBAY 547
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
Review Date: 23-Feb-2005 12:00:00 am
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 3181834
Secure: OPEN
Status: NATIVE
Subject: TARAPUR
TAGS: TECH, IN
To: STATE
Type: TE
vdkvgwkey: odbc://SAS/SAS.dbo.SAS_Docs/463a81bc-c288-dd11-92da-001cc4696bcc
Review Markings:
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